

- Adam, D. J. D., 11
 Albrink, M. J., 255
 Alperin, J. B., 117
 Anderson, A. A., 73
 Arroyave, G., 331
- Baker, E. M., 59
 Baker, P. T., 341
 Barry, P. J. C., 158
 Béhar, M., 331
 Berkowitz, D., 218
 Beveridge, J. M. R., 90
 Bierenbaum, M. L., 299
 Boelsche, A. N., 11
 Boyer, A., 313, 322
 Bridgforth, E. B., 29
 Brown, J. D., 144
- Canham, J. E., 59
 Cartwright, G. E., 94
 Cayer, D., 227
 Charm, S., 303
 Chirman, S., 365
 Chou, C.-C., 211
 Christian, J. E., 20
 Combs, G. F., 29
 Combs, L. W., 20
 Connell, W. F., 90
 Cradic, H. E., 229
- Darby, W. J., 29
 Davis, H., 11
 Dekaban, A., 358
 deLange, D. J., 169
 Downs, E. F., 275
 Dutra de Oliveira, J. E., 287
- Fellner, C. H., 50
 Fleischman, A. I., 299
 Flores, M., 331
- Goldsmith, G. A., 293
 Greene, J. C., 29
 Gross, S. B., 352
 Gunning, B., 85
 Guzman, M., 303
- Haggard, M. E., 11
- Hand, D. B., 29
 Hansen, A. E., 11
 Hansen, J. D. L., 161
 Hartroft, W. S., 205
 Hashim, S. A., 1
 Heffernan, A. G. A., 5
 Hayton, T., 299
 Heller, C. A., 282
 Hock, C. W., 223
 Hodges, R. E., 246
 Hollister, L. E., 149
 Holt, L. E., Jr., 313, 322
 Howe, E. E., 262
- Jagannathan, S. N., 90
 Jansen, G. R., 262
 Joubert, C. P., 169
 Judice, R. C., 229
- Kaufman, M., 45
 Kertesz, Z. I., 29
 Kessler, W. V., 20
 Kinsell, L. W., 85, 198, 365
 Krause, R. F., 352
 Krehl, W. A., 191
 Krut, L. H., 161
 Kurland, G., 303
- Lamar, C., Jr., 293
 Laureta, H. C., 211
 Leatherwood, E. C., Jr., 29
 Leonardy, J. G., 1
 Levitt, H., 50
 Lewis, B., 161
 London, W. T., 124
 Lowenstein, F. W., 175
- MacDonald, I., 158
 Mazess, R. B., 341
 McCracken, B. H., 293
 McDowell, M. E., 59
 McGanity, W. J., 29
 McHardy, G., 229
 Mehta, B. M., 77
 Meigs, J. W., 255
 Mendez, J., 303
 Michaels, G., 365
 Mickelsen, O., 73
- Mizel, D., 358
 Moeller, H. C., 194
- Newsom, W. T., 11
 Norton, P. M., 313, 322
 Nunes, W. T., 59
- Overall, J. E., 149
- Pearson, W. N., 29
 Pesut, L., 11
 Pinter, K. G., 293
 Plough, I. C., 29
- Raica, N., Jr., 67
 Read, M. S., 246
 Rege, D. V., 77
 Roitman, E., 313, 322
 Rolando, E., 287
 Ruffin, J. M., 193, 227, 235
- Satoskar, R. S., 77
 Sauberlich, H. E., 59, 67
 Schaefer, A. E., 29
 Schilling, F. J., 1
 Schlierf, G., 85, 198, 365
 Scott, E. M., 282
 Shelton, D. C., 352
 Shils, M. E., 133
 Snyderman, S. E., 313, 322
 Stewart, F., 161
 Stone, D. B., 144
- Tejada, C., 303
 Teply, L. J., 29
 Texter, E. C., Jr., 211
- Uzawa, H., 85, 198, 365
- Vought, R. L., 124
- Wiese, H. F., 11
 Wilson, C. S., 29
 Windmueller, H. G., 73
 Wintrobe, M. M., 94
 Wittman, W., 161
 Wood, P., 365
 Woodruff, C. W., 29

- Adam, D. J. D., 11
 Albrink, M. J., 255
 Alperin, J. B., 117
 Anderson, A. A., 73
 Arroyave, G., 331
- Baker, E. M., 59
 Baker, P. T., 341
 Barry, P. J. C., 158
 Béhar, M., 331
 Berkowitz, D., 218
 Beveridge, J. M. R., 90
 Bierenbaum, M. L., 299
 Boelsche, A. N., 11
 Boyer, A., 313, 322
 Bridgforth, E. B., 29
 Brown, J. D., 144
- Canham, J. E., 59
 Cartwright, G. E., 94
 Cayer, D., 227
 Charm, S., 303
 Chirman, S., 365
 Chou, C.-C., 211
 Christian, J. E., 20
 Combs, G. F., 29
 Combs, L. W., 20
 Connell, W. F., 90
 Cradic, H. E., 229
- Darby, W. J., 29
 Davis, H., 11
 Dekaban, A., 358
 deLange, D. J., 169
 Downs, E. F., 275
 Dutra de Oliveira, J. E., 287
- Fellner, C. H., 50
 Fleischman, A. I., 299
 Flores, M., 331
- Goldsmith, G. A., 293
 Greene, J. C., 29
 Gross, S. B., 352
 Gunning, B., 85
 Guzman, M., 303
- Haggard, M. E., 11
- Hand, D. B., 29
 Hansen, A. E., 11
 Hansen, J. D. L., 161
 Hartroft, W. S., 205
 Hashim, S. A., 1
 Heffernan, A. G. A., 5
 Hayton, T., 299
 Heller, C. A., 282
 Hock, C. W., 223
 Hodges, R. E., 246
 Hollister, L. E., 149
 Holt, L. E., Jr., 313, 322
 Howe, E. E., 262
- Jagannathan, S. N., 90
 Jansen, G. R., 262
 Joubert, C. P., 169
 Judice, R. C., 229
- Kaufman, M., 45
 Kertesz, Z. I., 29
 Kessler, W. V., 20
 Kinsell, L. W., 85, 198, 365
 Krause, R. F., 352
 Krehl, W. A., 191
 Krut, L. H., 161
 Kurland, G., 303
- Lamar, C., Jr., 293
 Laureta, H. C., 211
 Leatherwood, E. C., Jr., 29
 Leonardy, J. G., 1
 Levitt, H., 50
 Lewis, B., 161
 London, W. T., 124
 Lowenstein, F. W., 175
- MacDonald, I., 158
 Mazess, R. B., 341
 McCracken, B. H., 293
 McDowell, M. E., 59
 McGanity, W. J., 29
 McHardy, G., 229
 Mehta, B. M., 77
 Meigs, J. W., 255
 Mendez, J., 303
 Michaels, G., 365
 Mickelsen, O., 73
- Mizel, D., 358
 Moeller, H. C., 194
- Newsom, W. T., 11
 Norton, P. M., 313, 322
 Nunes, W. T., 59
- Overall, J. E., 149
- Pearson, W. N., 29
 Pesut, L., 11
 Pinter, K. G., 293
 Plough, I. C., 29
- Raica, N., Jr., 67
 Read, M. S., 246
 Rege, D. V., 77
 Roitman, E., 313, 322
 Rolando, E., 287
 Ruffin, J. M., 193, 227, 235
- Satoskar, R. S., 77
 Sauberlich, H. E., 59, 67
 Schaefer, A. E., 29
 Schilling, F. J., 1
 Schlierf, G., 85, 198, 365
 Scott, E. M., 282
 Shelton, D. C., 352
 Shils, M. E., 133
 Snyderman, S. E., 313, 322
 Stewart, F., 161
 Stone, D. B., 144
- Tejada, C., 303
 Teply, L. J., 29
 Texter, E. C., Jr., 211
- Uzawa, H., 85, 198, 365
- Vought, R. L., 124
- Wiese, H. F., 11
 Wilson, C. S., 29
 Windmueller, H. G., 73
 Wintrobe, M. M., 94
 Wittman, W., 161
 Wood, P., 365
 Woodruff, C. W., 29

Subject Index to Volume 15

(E) = Editorial; (LE) = Letters to the Editor

Absorption, fat

see Fat absorption

Adipose tissue

fatty acid composition of, 5

fatty acid pattern in obese subjects on reducing regimen, 158

Alaskan Eskimos, iron deficiency in, 282

Alcohol, effects on plasma lipids, ketones and blood sugar in normal subjects, 85

Altitudes, high, diet of Quechua Indians living at, 341

American Society for Clinical Nutrition, presidential address, 111

Amino acid requirements of infants, 313, 322

ASCN News, 111

Atherosclerosis

relation to diet, 175

relationship between blood viscosity and, 303

Blood

biochemistry, effect of controlled dietary nutrient intakes on, 331

cell transaminase activity in vitamin B₆ deficiency, 67

chemistry alterations in experimental magnesium depletion, 133

lipid responses to feedings of varying fat content, 218

lipids

effects of ethanol and dry wine on, 85

influence of diet in pregnant women and newborn infants, 11

sugar

effects of ethanol and dry wine on, 85

interrelationships between skinfold thickness, serum lipids and, in normal subjects, 255

viscosity of socioeconomic groups in Guatemala, 303

Body composition of obese subjects, 20

Book reviews

McCollum, E. V. *From Kansas Boy to Scientist: the Autobiography of Elmer Verner McCollum*, 251

Parsons, T. *Social Structure and Personality*, 115
PHS Publication No. 1000—Series 11—No. 5. *Vital and Health Statistics. Blood Pressure of Adults by Race and Area*, 251

PHS Publication No. 1000—Series 11—No. 6. *Vital and Health Statistics. Heart Disease in Adults*, 312

Spann, V. *American Occupations: Dietitian*, 312

Temkan, I. S. *Industrial Bladder Carcinogenesis*, 57
Breakfast, controlled, effect on serum cholesterol and triglycerides, 1

Calcium losses through sweat, relation to growth rate (LE), 309

Children

effect of dietary increments on blood and urine biochemistry of, 331

malnourished, fat absorption studies in, 287

on high fat diet, plasma lipids glucose and ketones in, 358

Cholesterol

plasma, effects of feeding patterns on, 90

serum

effect of controlled breakfast on, 1

levels and weight reduction (LE), 54

Chorionic gonadotrophin in treatment of obesity (LE), 187

Conference Notes, 246

Copper deficiency in man, 94

Coronary artery disease, incidence in patients treated with Sippy diet, 205

Coronary heart disease, adipose tissue fatty acid levels in, 5

Coronary ischemic heart disease, 175

Diabetes, diet counseling for, 45

Diabetes mellitus, adipose tissue fatty acid levels in, 5

Diabetic subjects, effects of ethanol and dry wine on, 85

Diet

counseling for diabetes, dimensions of, 45

high fat, plasma lipids, glucose and ketones in young children on, 358

in population groups with little atherosclerosis and coronary ischemic heart disease, 175

influence on serum lipids in pregnant women and newborn infants, 11

of Quechua Indians living at high altitudes, 341

Sippy

see Sippy diet

Dietary changes, alterations in serum free fatty acids due to, 299

Dietary considerations with regard to type of fat, 198

Dietary management

of peptic ulcer, 194

with polyunsaturated fat nutritional preparation, 227

with Quell, 205, 211, 218, 229

Dietary nutrient intake, effect of controlled increment in, on blood and urine biochemistry in children, 331

Dwarfing, nutritional, syndrome of early protein-calorie malnutrition, 262

Editorials

- Nutrition in medicine, 191
- Epidemiologic investigations in relation to diet in groups with little atherosclerosis and coronary ischemic heart disease, 175
- Eskimos, Alaskan, iron deficiency in, 282
- Ethanol, effects on blood lipids in diabetic and non-diabetic subjects, 85

Fasting subjects

- plasma free fatty acids in, 149
 - riboflavin levels in urine of, 73
- F**at
- absorption
 - in malnourished children, 287
 - in steatorrhea, 293
 - body mass, effect of weight loss on, 20
 - diet, effect on lipids, glucose and ketones in young children, 358
 - dietary considerations with regard to type, 198
 - preparation, polyunsaturated,
 - effect on serum lipids of hypercholesteremic patients with peptic ulcer, 229
 - in dietary management of peptic ulcer, 227
 - lipid responses to feedings of, 218
 - role in management of peptic ulcer, 194, 198, 205, 211, 218, 229
 - value in management of gastric hypersecretion, 211
 - substitution, hyperglyceridemia result of, 365
- F**atty acid
- composition of adipose tissue, 5
 - metabolism, polyunsaturated, problem in muscular dystrophy (LE), 187
 - pattern of adipose tissue, alterations in obese subjects on reducing regimens, 158

Fatty acids

- plasma free
 - in kwashiorkor and pathogenesis of fatty liver, 161
 - in rested fasting subjects, 149
- serum free, changes in composition due to dietary changes, 299

Fatty liver, pathogenesis of, 161

- Feeding patterns, effects on plasma cholesterol and triglyceride levels, 90

Folic acid

- activity in lactovegetarian and nonvegetarian Indians, 77
- deficiency, effect of vitamin B₁₂ therapy in, 117

Gastric hypersecretion, polyunsaturated fat nutritional preparation in management of, 211

- Glucose in young children on high fat diet, 358
- Glutamic oxaloacetic transaminase activity in vitamin B₆ deficiency, 67
- Gonadotrophin, chorionic, in treatment of obesity (LE), 188
- Growth rate in relation to calcium losses through sweat (LE), 309

- Guatemala, blood viscosity of socioeconomic groups in, 303

Heat disease

- see also Coronary artery disease
- coronary ischemic, epidemiologic investigations in relation to diet in population groups with little, 175
- Hypercholesteremia with peptic ulcer, effect of polyunsaturated fat diet in, 229
- Hyperglyceridemia resulting from intake of medium chain triglycerides, 365
- Hypoglycemia, tolbutamide-induced, 144
- Hypothyroidism, adipose tissue fatty acid levels in, 5

ICNND, review of methods used in nutrition surveys by, 29**I**ndians

- lactovegetarian and nonvegetarian, serum vitamin B₁₂ and folic acid activity in, 77
- Quechua, diet of, 341

Infants

- amino acid requirements of, 313, 322
- isoleucine requirements of, 313
- methionine requirements of, 322
- newborn, influence of diet on blood serum lipids in, 11

- Iodine intake and excretion in healthy subjects, 124

- Iron deficiency in Alaskan Eskimos, 282

- Isoleucine requirements of infants, 313

Ketones, effects of equivalent amounts of ethanol and dry wine on, 85

- in young children on high fat diet, 358
- Kwashiorkor, plasma free fatty acids in, and pathogenesis of fatty liver, 161

Lactovegetarians, serum vitamin B₁₂ and folic acid activity in, 77**L**etters to the editor

- Siedler, A. J., Norman, W. P. and Sayre, R. N. Muscular dystrophy: a problem in polyunsaturated fatty acid metabolism, 187
- Simeons, A. T. W. Chorionic gonadotrophin in treatment of obesity, 188
- Walker, A. R. P. Growth rate in relation to calcium losses through sweat, 309
- Lipid responses to feedings of polyunsaturated fat nutritional preparation and milk-cream mixture, 218
- Lipids
 - effects of ethanol and dry wine on, 85
 - influence of diet on, in pregnant women and newborn infants, 11
 - plasma, in young children on high fat diet, 358

Lipids

- serum
 - blood sugar and skinfold thickness in normal man, interrelationships between, 255
 - effect of polyunsaturated fat diet on, 229
 - influence of diet on, 11
- Liver, fatty, pathogenesis of, 161

Magnesium depletion, clinical observations and blood chemistry alterations in, 133

- Malnourished children, fat absorption studies in, 287
- Malnutrition, protein-calorie, nutritional dwarfing as symptom of, 275
- Medicine, nutrition in (E), 191
- Methionine requirements of infants, 322
- Methodology of nutrition surveys, 29
- Milk-cream mixture
 - see also Sippy diet
 - blood lipid responses to feedings of, 218
 - in management of peptic ulcer, 194, 198, 205, 211, 218, 229
- Mucosa, intestinal, uptake and distribution of stearic acid by subcellular components of, 352
- Muscular dystrophy, problem in polyunsaturated fatty acid metabolism (LE), 187
- Myocardial infarction in patients treated with Sippy diet, 205

Nicotinic acid status of population groups, assessment of, 169

- Nonvegetarians, serum vitamin B₁₂ and folic acid activity in, 77
- Nutrient intakes, dietary, effect of controlled increments on blood and urine biochemistry in children, 331

Nutrition

- clinical
 - conference notes on, 246
 - teaching of, 111
 - in medicine (E), 191
 - protein, world problems in, 262
 - surveys, review of methods used by ICNND, 29
- Nutrition News, 56, 254
- Nutritional dwarfing, syndrome of early protein-calorie malnutrition, 275

Obese subjects

- body composition of, 20
- changes in fatty acid pattern of, 158
- effect of weight loss on body fat and lean body mass, 20

Obesity

- adipose tissue fatty acid levels in, 5
- association between serum triglyceride levels and, 255
- body composition in, 20
- changes in fatty acid pattern of subjects on reducing regimen, 158

Obesity

- chorionic gonadotrophin in treatment of (LE), 188
- types of, defined, 275
- Overweight, new approach to, 50

Panel discussion, symposium on peptic ulcer, 235

Peptic ulcer

- curse of modern civilization, 223
- dietary treatment of, 194
- effect of polyunsaturated fat diet on serum lipids of hypercholesteremic patients with, 229
- management, appraisal of, 211
- polyunsaturated fat nutritional preparation in dietary management of, 227
- Quell versus Sippy diet in treatment of, 211, 218, 229
- role of Sippy diet in, 194, 198, 205, 211, 218, 229
- symposium on clinical management of, 193-245

Plasma

- cholesterol
 - see Cholesterol, plasma
- free fatty acids
 - in kwashiorkor and pathogenesis of fatty liver, 161
 - in resting fasting subjects, 149
- lipids
 - glucose and ketones in young children on high fat diet, 358
 - effects of alcohol on, 85
- Pregnancy, influence of diet on blood serum lipids in, 11
- Presidential address, American Society for Clinical Nutrition, 111
- Protein-calorie malnutrition, nutritional dwarfing a syndrome of, 275
- Protein nutrition, world problems in, 262

Quechua Indians, diet of, 341

- Quell versus Sippy diet in treatment of peptic ulcer, 211, 218, 229

Reducing regimen, changes in fatty acid patterns of adipose tissue of obese subjects on, 158

- Riboflavin levels in urine of fasting subjects, 73

Serum cholesterol

- see Cholesterol, serum

Serum lipids

- see Lipids, serum

Sippy diet

- incidence of coronary artery disease in patients treated with, 205
- myocardial infarction in patients treated with, 205
- role in treatment of peptic ulcer, 194, 198, 205, 211, 218, 229
- versus Quell in treatment of peptic ulcer, 211, 218, 229
- Skinfold thickness, serum lipids and blood sugar in normal subjects, interrelationship between, 255

- Stearic acid uptake and distribution by subcellular components of intestinal mucosa, 352
- Steatorrhea, fat absorption studies in, 293
- Sugar, blood
 see Blood sugar
- Sweat, calcium losses through, relation to growth rate (LE), 309
- Symposium on clinical management of peptic ulcer—nutritional aspects, 193-245
- Appraisal of management of peptic ulcer including comparative studies of value of polyunsaturated fat nutritional preparation in management of gastric hypersecretion, 211
- Introductory remarks, 193
- Blood lipid responses to feedings of polyunsaturated fat nutritional preparation and milk-cream mixture, 218
- Conventional dietary treatment of peptic ulcer, 194
- Dietary considerations with regard to type of fat, 198
- Experiences with polyunsaturated fat nutritional preparation in dietary management of patients with peptic ulcer, 227
- Incidence of coronary artery disease in patients treated with Sippy diet, 205
- Peptic ulcer—curse of modern civilization, 223
- Symposium on clinical nutrition, conference notes on, 246
- T**
- Teaching, clinical, of nutrition, 111
- Thrombosis and blood viscosity, relationship between, 303
- Tissue, adipose
 see Adipose tissue
- Tolbutamide-induced hypoglycemia, 144
- Transaminase activity, blood cell, in vitamin B₆ deficiency, 67
- Triglyceride levels and obesity, 255
- Triglycerides
 effects of feeding patterns on, 90
- medium-chain, hyperglyceridemia resulting from intake of, 365
- serum, effect of controlled breakfast on, 1
- U**
- Ulcer, peptic
 see Peptic ulcer
- Urine
 biochemistry, effect of controlled dietary nutrient intakes on, 331
- of fasting subjects, riboflavin levels in, 73
- V**
- Vitamin B₆
 deficiency, blood cell transaminase activity in, 67
- requirements for adult men, 59
- Vitamin B₁₂
 activity in lactovegetarian and nonvegetarian Indians, 77
- therapy, effect in folic acid deficiency, 117
- W**
- Weight
 loss, effect on body fat and lean body mass of obese subjects, 20
- reduction and serum cholesterol levels (LE), 54
- Wine and ethanol, effects on blood lipids in diabetic and nondiabetic subjects, 85

B₆

om

ent

In-

ese

etic